Bruhath Bangalore Mahanagara Palike Dasarahalli Zone

ame of Work: Improvements Roads and Drains Near Mallikarjuna Temple PK'S Colony slum in Mallasandra Ward No.13 Shettyhalli Sub Division.

				Est .Cost Rs.35.00 Lakhs				
Description of Items	Unit	No	L	B	D	Qty	Rate	Amount
KSRRB 300-3. Earthwork excavation by manual means in ordinary soil invoiving in average horizontal throw up to 2m & an average lift upto 1.5m , excavated surface leveled & sides neatly dressed , the disposed earth to be levelled neatly after breaking of clods complete as per specification MORTH/ Chapter 3. Page No. 142/ Item No. 19.1/ PWD SR 2016-17								
For CC Drain	Cum							
Adjacent to 1st Cross		1	30.00	1.00	1.00	30.00		
Opposite to 11th Cross		1	40.00	1.00	1.00	40.00		
For CC Roads								
8th C Cross Rd		1	24.00	4.75	0.50	57.00		
Mallikarjuna temple b/s		1	10.30	2.70	0.50	13.91		
		1	12.00	7.40	0.50	44.40		
		1	14.20	7.10	0.50	50.41		
		1	5.30	4.80	0.50	12.72		
		1	3.50	2.65	0.50	4.64		
		1	2.35	1.25	0.50	1.47		
Near Anganavadi		1	8.20	4.00	0.50	16.40		
		1	13.30	4.35	0.50	28.93		
		1	7.50	4.65	0.50	17.44		
Water man Ananda House Rd		1	18.50	3.50	0.50	32.38		
Adjacent to 1st Cross		1	30.00	3.00	0.50	45.00		
near new TAILORING CENTER		1	35.00	4.75	1.50	249.38		
Retaining Wall		1	9.70	2.60	1.50	37.83		
		1	14.00	2.60	1.50	54.60		
						Qty **736.49**	**175.96**	**129592.12**
2 Removing B S Slab Drain And Stacking Page No25 Item No 5.32 PWD SR 2016-17								
Adjacent to 1st Cross	**Sqm**	1	30.00	1.35		40.50		
						Qty **40.50**	**65.72**	**2661.66**
3 KSRB 4-1.3 : Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1,4.2 Page No.12/ Item No. 4.3/ PWD SR 2016-17								
For CC Drain								
Adjacent to 1st Cross	CUM	1	30.00	1.00	0.15	4.50		
						4.50		
from using available coarse aggregates								
a Available CA			3.04			**2.58**	**4443.52**	**11472.61**
Balance Qty						1.92		
						Qty **1.47**	**5159.02**	**7583.76**

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Description of Items	Unit	No	L	B	D	Qty	Rate	Amount
KSSRB M400-7 Construction Of granular sub -base by providing coarse graded cushed stone aggregates of granite / trap / basalt material speading in uniform layers with motor grader on prepared surface,mixing by mix in place method with rotavator at OMC,and compacting with vibratory roller to achive the desired density. complete asper specification. **By mix in place method for Grading II Material** KSSRB Page No 156 Item No 20.6 and 20.6.3								
For CC Roads	CUM							
8th C Cross Rd		1	24.00	4.75	0.20	22.80		
Mallikarjuna temple b/s		1	10.30	2.70	0.20	5.56		
		1	12.00	7.40	0.20	17.76		
		1	14.20	7.10	0.20	20.16		
		1	5.30	4.80	0.20	5.09		
		1	3.50	2.65	0.20	1.86		
		1	2.35	1.25	0.20	0.59		
Near Anganavadi		1	8.20	4.00	0.20	6.56		
		1	13.30	4.35	0.20	11.57		
		1	7.50	4.65	0.20	6.98		
Water man Ananda House Rd		1	18.50	3.50	0.20	12.95		
near new TAILORING CENTER		1	35.00	4.00	0.20	28.00		
Adjacent to 1st Cross		1	30.00	3.00	0.20	18.00		
						Qty	**157.87**	**1582.58**	**249845.86**
KSRB 4-1.3 : Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1,4.2 Page No.12/ Item No. 4.3/ PWD SR 2016-17								
For CC Roads								
8th C Cross Rd	CUM	1	24.00	4.75	0.15	17.10		
Mallikarjuna temple b/s		1	10.30	2.70	0.15	4.17		
		1	12.00	7.40	0.15	13.32		
		1	14.20	7.10	0.15	15.12		
		1	5.30	4.80	0.15	3.82		
		1	3.50	2.65	0.15	1.39		
		1	2.35	1.25	0.15	0.44		
Near Anganavadi		1	8.20	4.00	0.15	4.92		
		1	13.30	4.35	0.15	8.68		
		1	7.50	4.65	0.15	5.23		
Water man Ananda House Rd		1	18.50	3.50	0.15	9.71		
Adjacent to 1st Cross		1	30.00	3.00	0.15	13.50		
near new TAILORING CENTER		1	35.00	4.00	0.15	21.00		
Retaining Wall		1	9.70	2.00	0.25	4.85		
		1	24.00	1.50	0.25	9.00		
						Qty	**132.25**	**5159.02**	**682302.97**
roveding and Laying plain reinforced cement concrete for side drains using m20 nominul mix concrete with OPC ement 300kgs. With 20mm and down size ganite metal course aggregates @0.69cum and fine aggregates @0.43cum machine mixed,well compacted for walls and bottom including centring,shuttring,cost of materails, IOM of machinaries. Complete Excluding cost of steel asper MORTH Specification no1500,1700,2200. Wall And ottom thickness 15cm KSSRB Page No 265 Item No 37.59 and 37.59.2								

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Description of Items	Unit	No	L	B	D	Qty	Rate	Amount
For CC Drain For Raft								
Adjacent to 1st Cross	cum	1	30.00	0.80	0.15	3.60		
near new TAILORING CENTER		1	35.00	0.80	0.15	4.20		
For CC Drain For Wall								
Adjacent to 1st Cross		2	30.00	0.15	0.60	5.40		
near new TAILORING CENTER		2	35.00	0.15	0.60	6.30		
Retaining Wall Raft		1	9.70	1.50	0.25	3.64		
		1	24.00	1.20	0.25	7.20		
Retaining Wall		1	9.70	0.375	3.60	13.10		
		1	24.00	0.30	2.25	16.20		
		2	35.00	0.15	0.60	6.30		
						Qty	**65.93**	**11032.48**	**727398.99**

Cement concrete pavement. Construction of un-reinforced plain cement concrete pavement, thickness as per design, over a prepared sub base with OPC cement or any other type as per clause 1051.2.2 with 25mm and down size graded granite metal coarse aggregates and fine aggregtes, with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008, mixed in a concrete mixer of not less than 0.6 cum capacity and appropriate weigh batcher as per approved mix design, laid in approved fixed side form work (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the form work as per drawing) & spreading the concrete with shovels, rackers compacted using needle, screed and plate vibrator and finished with floaters in a continuous operation including provision of contraction, expansion, construction and longitudinal joints, including groove cutting charges, joint filler, separation membrane, selant primer, joint sealant, admixtures as approved, including curing, finishing to lines and grades as per drawing complete as per specifications.**M30 (at 360Kg per cum coarse aggregate @ 0.69cum and fine aggregate @ 0.46cum) Page o 177 Item No 22.6.1**

For CC Roads	cum							
8th C Cross Rd		1	24.00	4.75	0.15	17.10		
Mallikarjuna temple b/s		1	10.30	2.70	0.15	4.17		
		1	12.00	7.40	0.15	13.32		
		1	14.20	7.10	0.15	15.12		
		1	5.30	4.80	0.15	3.82		
		1	3.50	2.65	0.15	1.39		
		1	2.35	1.25	0.15	0.44		
Near Anganavadi		1	8.20	4.00	0.15	4.92		
		1	13.30	4.35	0.15	8.68		
		1	7.50	4.65	0.15	5.23		
Water man Ananda House Rd		1	18.50	3.50	0.15	9.71		
Adjacent to 1st Cross		1	30.00	3.00	0.15	13.50		
near new TAILORING CENTER		1	35.00	4.00	0.15	21.00		
						Qty	**118.40**	**6217.96**	**736233.67**

KSRB 4.9.2: Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications.Specification No. KBS 4.6.3, TMT bars Fe 500. Page No. 17/ Item No. 4.46.2/ PWD SR 2016-17

For RCC Drian	Tonnes		**19.50**	x	60kgs	1.17		
ForRetaining Wall			**46.43**	x	120kgs	5.57		
						Qty	**6.74**	**64243.42**	**433122.71**

Vaccum de-watering with vaccum pump and suction mat and compaction with skin floater clubbed with floating disc including cost of generator, HOM of machinery, Screed Vibratory, Power Floater, blade and disc etc., with all lead and lift. **Page No.178/ Item No.22.7, 22.8.1/ PWD SR 2016-17**

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Sl No	Description of Items	Unit	No	L	B	D	Qty	Rate	Amount
	For CC Roads	Sq M							
	8th C Cross Rd		1	24.00	4.75		114.00		
	Mallikarjuna temple b/s		1	10.30	2.70		27.81		
			1	12.00	7.40		88.80		
			1	14.20	7.10		100.82		
			1	5.30	4.80		25.44		
			1	3.50	2.65		9.28		
			1	2.35	1.25		2.94		
	Near Anganavadi		1	8.20	4.00		32.80		
			1	13.30	4.35		57.86		
			1	7.50	4.65		34.88		
	Water man Ananda House Rd		1	18.50	3.50		64.75		
	Adjacent to 1st Cross		1	30.00	3.00		90.00		
	near new TAILORING CENTER		1	35.00	4.00		140.00		
						Qty	789.36	95.40	75304.94
10	Providing & laying reinforeced cement precast slabs of mix CC 1:11/2:3 using 20mm & down size graded Granite metal using HYSD 10mm dia steel @ 100mm c/c both ways & Complete as per specfications.								
	For CC Drain For Raft								
	Adjacent to 1st Cross	Sq M	1	30.00	0.75		22.50		
	near new TAILORING CENTER		1	35.00	0.75		26.25		
						Qty	48.75	1957.00	95403.75
							Total Construction Cost		3150923.04
	KRIDL Charges, Miscellaneous and Rounding off								349076.96
	Grand Total								3500000.00

Asst Engineer
Project Division Dasrahalli
BBMP

Asst Executive Engineer
Project Division Dasrahalli
BBMP

Executive Engineer
Project Division Dasarahalli
BBMP

17-18
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